



IFW

PATENT
ATTORNEY DOCKET NO. INTEL1450 (P18517)

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants: Sundararajan, et al. Art Unit: 1645
Serial No.: 10/815,264 Examiner: Unassigned
Filed: March 31, 2004
Title: MICROFLUIDIC APPARATUS, SYSTEMS, AND METHODS FOR
PERFORMING MOLECULAR REACTIONS

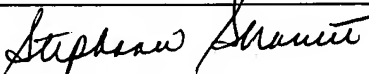
Commissioner for Patents
P. O. Box 1450
Alexandria, VA 22313-1450

TRANSMITTAL SHEET

Sir:

Transmitted herewith for the above-identified application, please find:

- (1) A Information Disclosure Statement (2 pages);
- (2) A Form PTO-1449 (1 page);
- (3) Five (5) References; and
- (4) Return postcard.

CERTIFICATION UNDER 37 CFR §1.8	
I hereby certify that the documents referred to as enclosed herein are being deposited with the United States Postal Service as first class mail on this date, November 8, 2004, in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450	
Stephanie Sharrett	
(Name of Person Mailing Paper)	
	November 8, 2004

In re Application of:
Sundararajan, et al.
Application No.: 10/815,264
Filed: March 31, 2004
Page 2

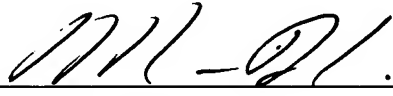
PATENT
Attorney Docket No.: INTEL1450



Applicants do not believe any fees are due in connection with this Information Disclosure Statement. However, if any fees are required, authorization is hereby given to charge Deposit Account No. 07-1896. A duplicate copy of this Transmittal sheet is enclosed.

Respectfully submitted,

Date: November 8, 2004



Michael P. Reed
Registration No. 45,647
Telephone: (858) 638-6754
Facsimile: (858) 677-1465

USPTO CUSTOMER NUMBER 28213
GRAY CARY WARE & FREIDENRICH LLP
ATTORNEYS FOR INTEL CORPORATION
4365 Executive Drive, Suite 1100
San Diego, CA 92121-2133



PATENT
ATTORNEY DOCKET NO. INTEL1450 (P18517)

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants:	Sundararajan, et al.	Art Unit:	1645
Serial No.:	10/815,264	Examiner:	Unassigned
Filed:	March 31, 2004		
Title:	MICROFLUIDIC APPARATUS, SYSTEMS, AND METHODS FOR PERFORMING MOLECULAR REACTIONS		

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

INFORMATION DISCLOSURE STATEMENT

Sir:

In accordance with 37 C.F.R. 1.97, enclosed are references relating to the above-identified application. For the convenience of the Examiner, these references are listed on the attached Form PTO-1449 and Items F through J are provided herewith.

It is respectfully requested that these references be considered in the examination of this application and their consideration be made of written record in the application file.

CERTIFICATION UNDER 37 CFR §1.8

I hereby certify that the documents referred to as enclosed herein are being deposited with the United States Postal Service as first class mail on November 8, 2004, in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Stephanie Sharrett

In Re Application of:
Sundararajan, et al.
Application Serial No.: 10/815,264
Filed: March 31, 2004
Page 2

PATENT
Attorney Docket No.: INTEL1450 (P18517)

This Information Disclosure Statement is being filed before the mailing date of the first office action on the merits. Therefore, no fee is due, and Applicants do not believe any other fees are due in connection with this submission. However, the Commissioner is hereby authorized to charge any amounts required by this filing, or credit any overpayment, to Deposit Account No. 07-1896.

Respectfully submitted,

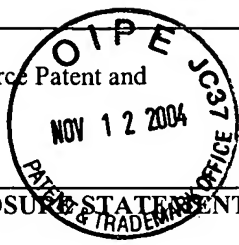
Date: November 8, 2004



Michael P. Reed
Registration No. 45,647
Telephone: (858) 638-6754
Facsimile: (858) 677-1465

GRAY CARY WARE & FREIDENRICH LLP
ATTORNEYS FOR INTEL CORPORATION
4365 Executive Drive, Suite 1100
San Diego, California 92121-2133
USPTO Customer No. 28213

FORM PTO-1449 U.S. Department of Commerce Patent and Trademark Office	Docket No. INTEL1450 (P18517)	Serial No.: 10/815,264
	Applicant(s) Sundararajan, et al.	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT	Filing Date: March 31, 2004	Group Art Unit: 1645



U.S. PATENT DOCUMENTS

EXAM. INITIALS		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB- CLASS	FILING DATE
	A	4,893,886	1/16/90	Ashkin, et al.	350	1.1	
	B	5,100,627	3/31/92	Buican, et al.	422	108	
	C	5,620,857	4/15/97	Weetall, et al.	435	7.1	
	D	5,674,743	10/7/97	Kevin Ulmer	435	287	
	E	6,514,767	2/4/03	Michael Natan	436	166	

FOREIGN PATENT DOCUMENTS

EXAM. INITIALS		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB- CLASS	TRANSLATION (YES/NO)

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages)

	F	Doering, et al., "Spectroscopic Tags Using Dye-Embedded Nanoparticles and Surface-Enhanced Raman Scattering", <i>Analytical Chemistry</i> , :5-9
	G	Knight, et al., "Hydrodynamic Focusing on a Silicon Chip: Mixing Nanoliters in Microseconds", <i>Am Phy Soc.</i> 80(17):3683-3866 (1998)
	H	Mulvaney, et al., "Glass-Coated, Analyte-Tagged Nanoparticles: A New Tagging System Based on Detection with Surface-Enhanced Raman Scattering", <i>Am Chem Soc.</i> 19:4784-4790 (2003).
	I	Takayama, et al., "Subcellular Positioning of Small Molecules", <i>Nat.</i> 411:1016 (2001)
	J	Woolley, et al., Deposition and Characterization of Extended Single-Stranded DNA Molecules on Surfaces", <i>Lett</i> 1(7):345-348 (2001).

EXAMINER GT6421863.1 1090132-103	DATE CONSIDERED
---	------------------------

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.